

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Dirk Johannes van den Boom *et al.*

Application No.: 10/723,365

Filing Date: November 26, 2003

Title: FRAGMENTATION-BASED
METHODS AND SYSTEMS FOR
SEQUENCE VARIATION
DETECTION AND DISCOVERY

Examiner: Woolwine, Samuel C.

Group Art Unit: 1637

Conf. No.: 4199

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE UNDER 37 C.F.R 1.114

This submission is filed in conjunction with a Request for Continued Examination (RCE) and is in response to an Advisory Action dated July 3, 2007, a final Office action dated December 5, 2006, and a Notice of Appeal filed June 11, 2007, the latter setting a shortened statutory time for response expiring on August 11, 2007. This submission is timely filed on or before December 11, 2007 with a four-month extension of time. The Office rejected claims 12-39 and 58-73 in the Advisory Action. Careful consideration has been given to the grounds for rejection and the following amendments and remarks are offered in response. Reconsideration respectfully is requested.